

FIG. 2C

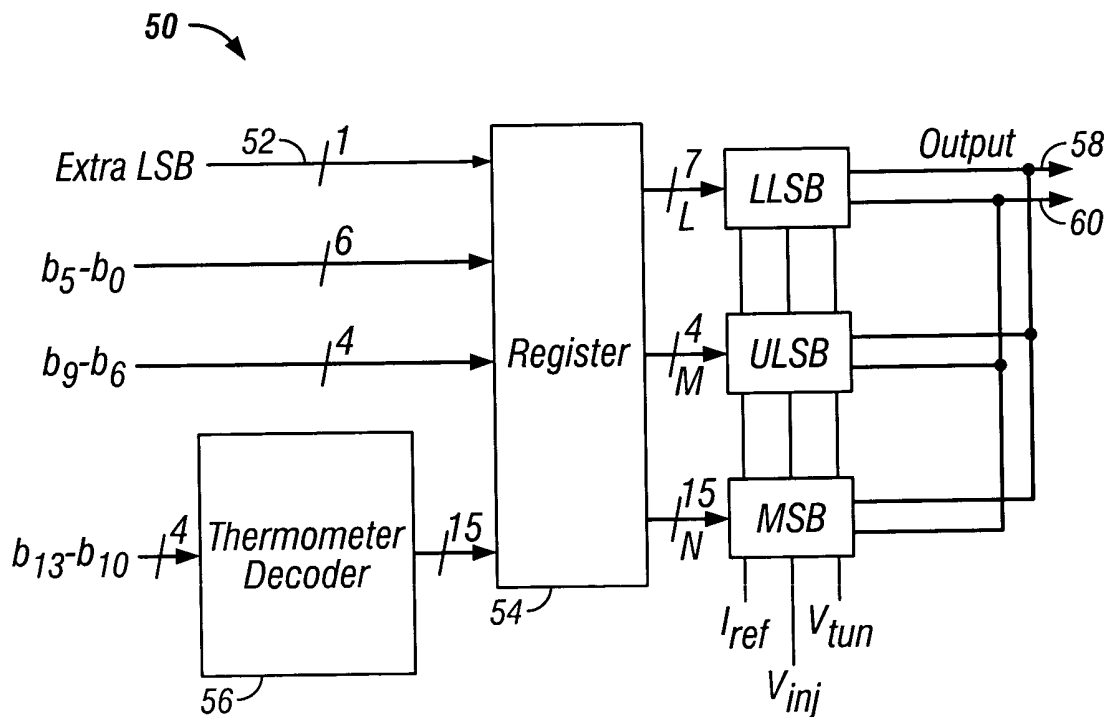


FIG. 3

3/9

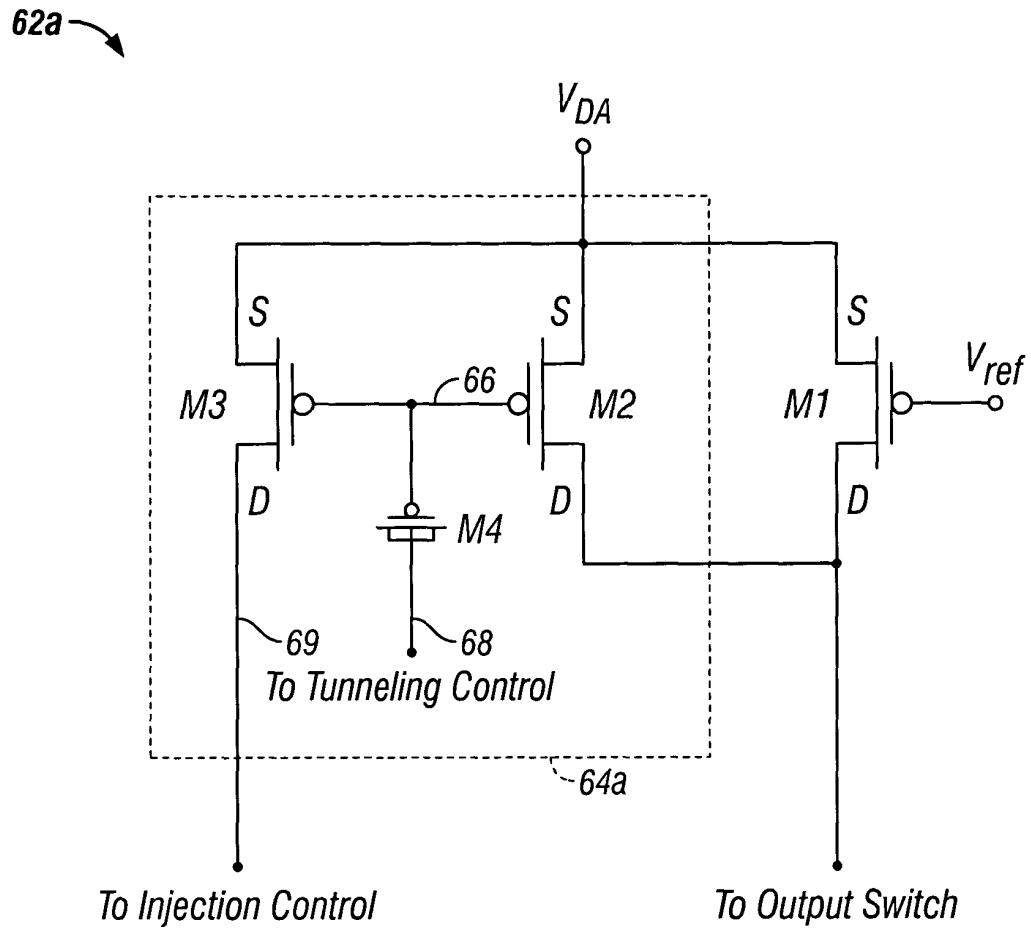


FIG. 4A

4/9

62b

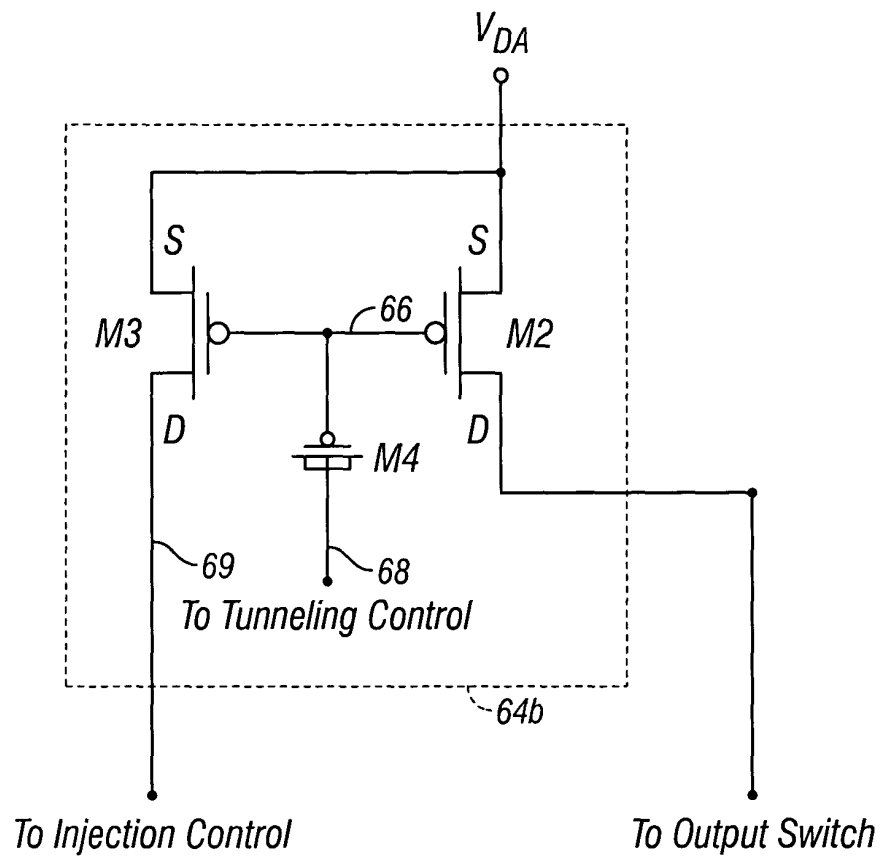


FIG. 4B

5/9

62C

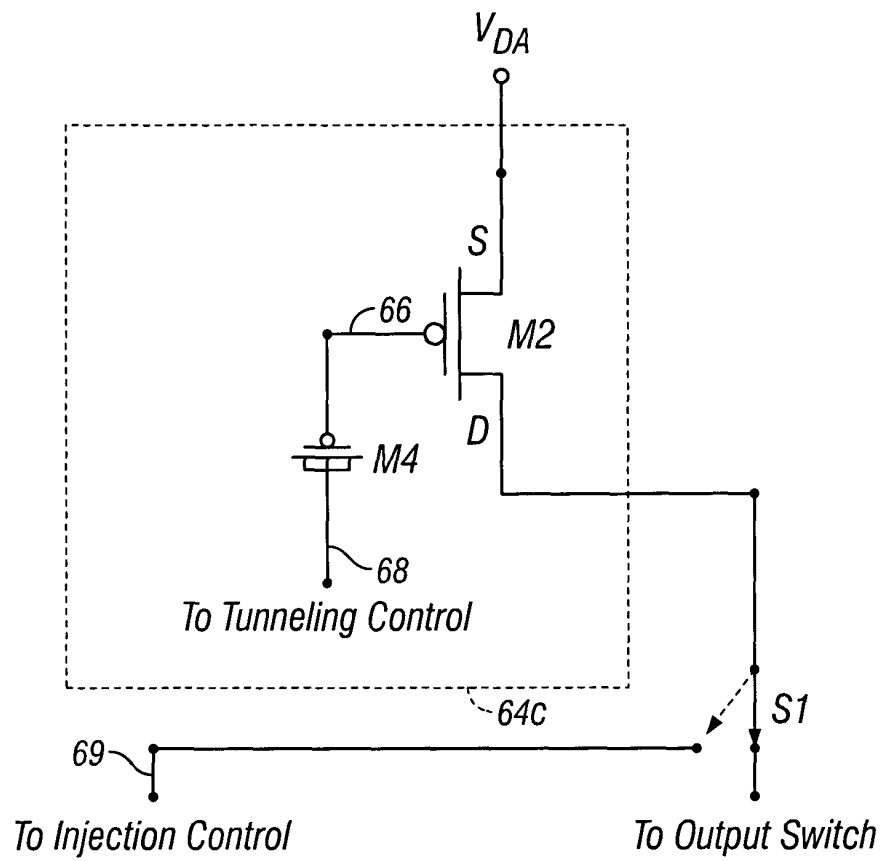


FIG. 4C

6/9

Erase all trim current sources $\nearrow 70$
For $i := L$ to $L + M - 1$ $\searrow 72$
Begin
 Apply codeword $2^{i-1} + \text{LSB}$
 target := DAC output
 Apply codeword 2^i
 If output greater than target
 Inject on global current regulator and start again
 While output less than target
 Inject on trim current source i
End

For $j := 1$ to 2^{N-1} $\nearrow 74$
Begin
 Apply codeword $2^{L+M-1} + \text{LSB} + (j-1) \cdot 2^{L+M}$
 target := DAC output
 Apply codeword $j \cdot 2^{L+M}$
 If output greater than target
 Inject on global current regulator and start again
 While output less than target
 Inject on trim current source $L + M + (j-1)$
End

FIG. 5

7/9

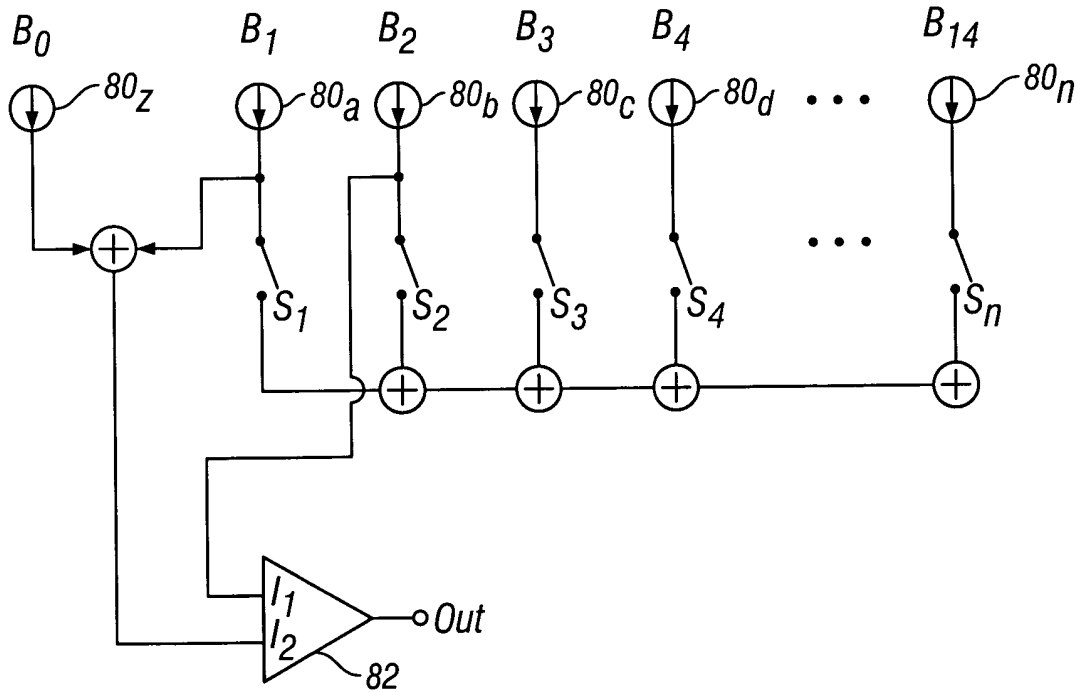


FIG. 6A

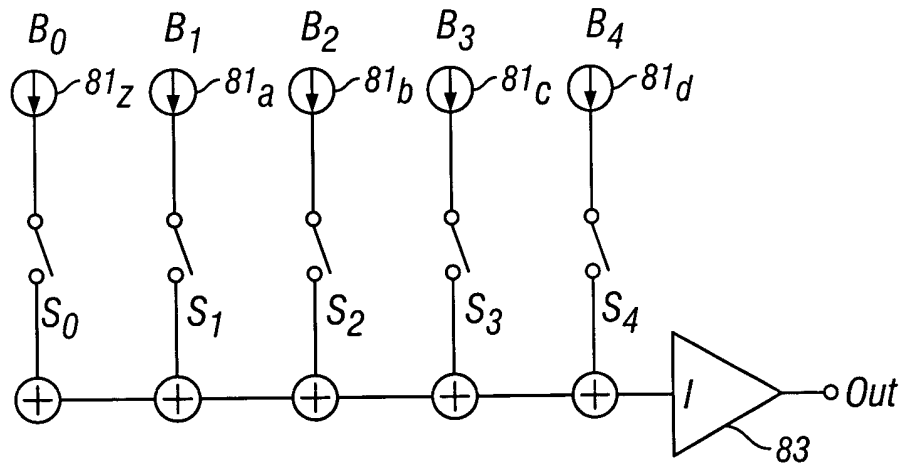


FIG. 6B

8/9

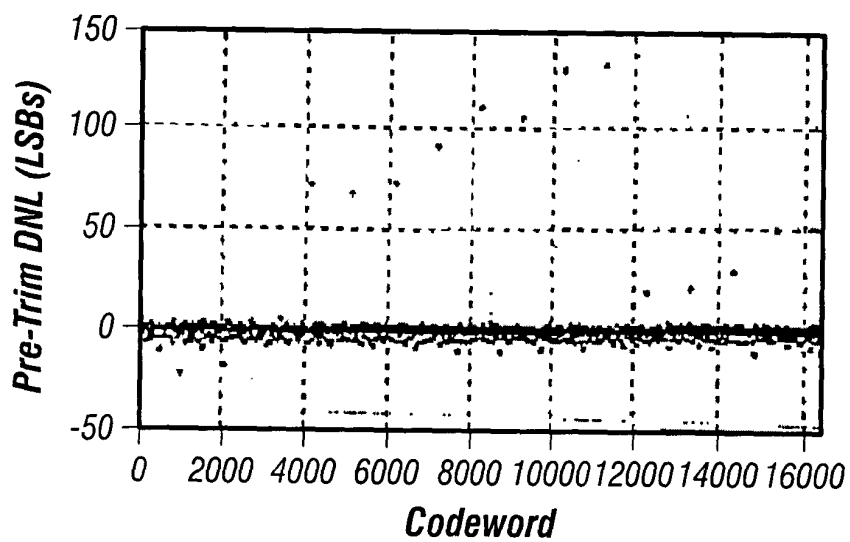


FIG. 7A

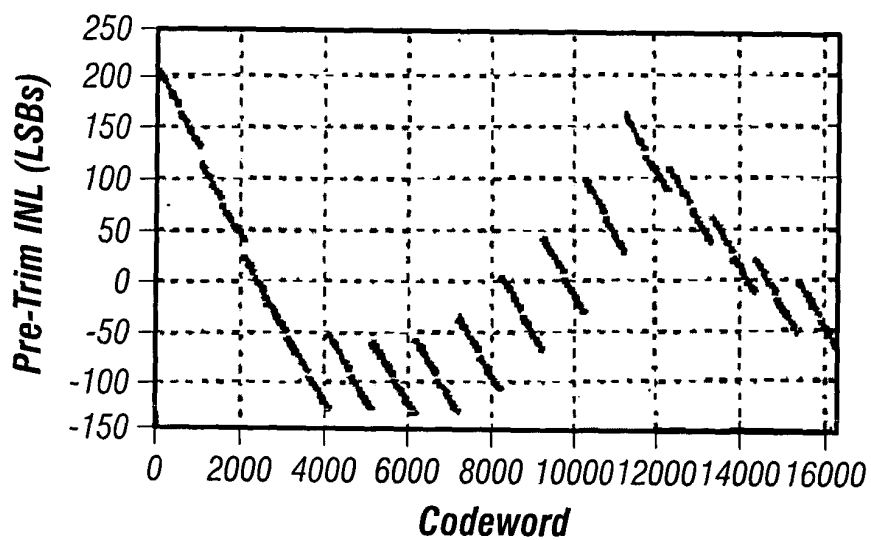


FIG. 7B

9/9

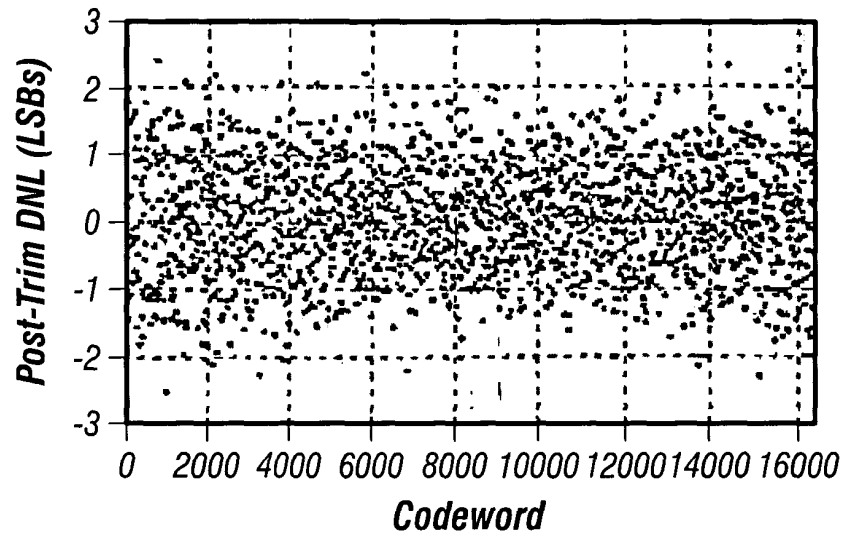


FIG. 7C

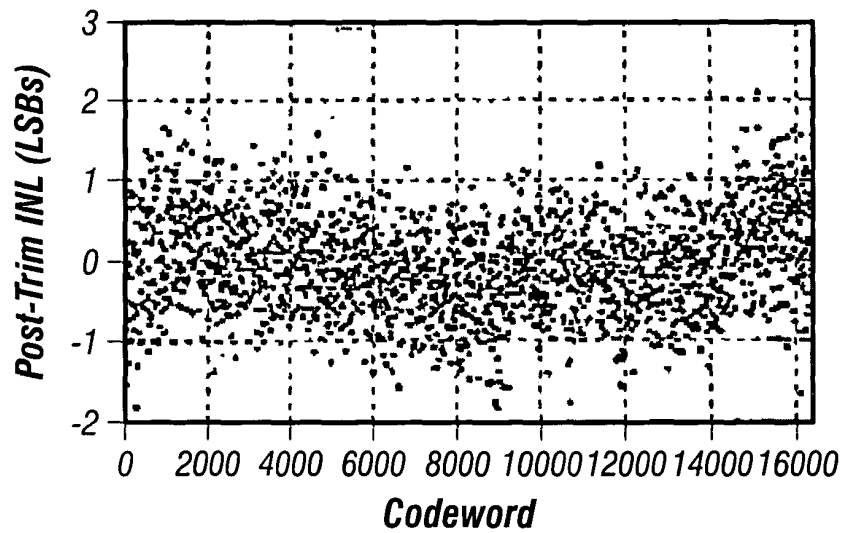


FIG. 7D